

4. The method of claim 1, where generating data generates data that is descriptive of motion being made by the user-manipulated object in two dimensional space.

5. The method of claim 1, where generating data generates data that is descriptive of motion being made by the user-manipulated object on a surface of a display screen.

6. The method of claim 1, where generating data generates data that is descriptive of motion being made by the user-manipulated object over a period of time.

7. The method of claim 1, where generating data comprises sequentially creating individual ones of a plurality of records, where individual ones of the plurality of records comprise data descriptive of a location of the user-manipulated physical object at a corresponding point in time while the gesture is executed.

8. The method of claim 1, where generating data uses a plurality of ultrasonic transducers.

9. The method of claim 1, where generating data uses a plurality of imaging devices.

10. The method of claim 9, where the plurality of imaging devices comprise a part of a display screen.

11. The method of claim 1, where the presence comprises at least one of a substantially circular motion, a substantially linear motion, at least one substantially circular motion in combination with at least one substantially linear motion, a substantially circular motion and a substantially linear motion, in combination with a period of substantially no motion, a substantially curved motion, and a tapping motion.

12. The method of claim 1, where the user-manipulated physical object is comprised of at least two fingers of a user, and where the motion comprises movement of one finger relative to at least one other finger.

13. The method of claim 1, where the data is descriptive of at least one of a velocity and an acceleration of the user-manipulated physical object.

14. The method of claim 1, where the user-manipulated physical object is comprised of at least a part of the user's hand, where the data is descriptive of at least one of a spatial orientation of at least a part of the user's hand in two or three dimensional space, the repose of at least a part of the user's hand in two or three dimensional space and a shape formed by at least a part of the user's hand in two or three dimensional space.

15. An apparatus, comprising:

a display to visualize information to a user;

a sensor arrangement that is responsive to the user executing a gesture with a user-manipulated physical object in the vicinity of a surface of the apparatus, the sensor arrangement having an output to provide data descriptive of the presence of the user-manipulated object when executing the gesture; and

a unit having an input coupled to the output of the sensor arrangement and operating to interpret the data to identify the executed gesture, and to interpret the identified gesture as pertaining in some manner to visualized information.

16. The apparatus of claim 15, where the user-manipulated physical object is comprised of the hand or a portion of the hand of a user, where said sensor arrangement outputs data that is descriptive of motion being made by the hand or portion of the hand in two or three dimensional space, and where the sensor arrangement is comprised of at least one of a plurality of acoustic sensors and a plurality of light sensors.

17. The apparatus of claim 15, embodied in a device that comprises means for conducting wireless communications.

18. The apparatus of claim 15, where the user-manipulated physical object is comprised of at least a part of the user's hand, and where the data is descriptive of at least one of a spatial orientation of at least a part of the user's hand in two or three dimensional space, the repose of at least a part of the user's hand in two or three dimensional space and a shape formed by at least a part of the user's hand in two or three dimensional space.

19. A computer program product embodied in a computer readable medium, execution of the computer program product by at least one data processor resulting in operations that comprise:

in response to a user executing a gesture with a user-manipulated physical object in the vicinity of a device, generating data that is descriptive of the presence of the user-manipulated object when executing the gesture; and

interpreting the data as pertaining to information displayed to the user.

20. The computer program product of claim 19, where the user-manipulated physical object is comprised of at least one finger of the user.

21. The computer program product of claim 19, where generating data generates data that is descriptive of a motion made by the user-manipulated object in three dimensional space.

22. The computer program product of claim 19, where generating data generates data that is descriptive of a motion made by the user-manipulated object in two dimensional space.

23. The computer program product of claim 19, where generating data generates data that is descriptive of a motion made by the user-manipulated object on a surface of a display screen.

24. The computer program product of claim 19, where generating data generates data that is descriptive of a motion made by the user-manipulated object over a period of time.

25. The computer program product of claim 19, where generating data comprises sequentially creating individual ones of a plurality of records, where individual ones of the plurality of records comprise data descriptive of a location of the user-manipulated physical object at a corresponding point in time while the gesture is executed.

26. The computer program product of claim 19, where generating data uses a plurality of ultrasonic transducers.

27. The computer program product of claim 19, where generating data uses a plurality of imaging devices.

28. The computer program product of claim 27, where the plurality of imaging devices comprise a part of a display screen.

29. The computer program product of claim 19, where generating data generates data that is descriptive of a motion made by the user-manipulated object in at least one of two dimensional space and three dimensional space, where the motion comprises at least one of:

a substantially circular motion;

a substantially linear motion;

at least one substantially circular motion in combination with at least one substantially linear motion;

a substantially circular motion and a substantially linear motion, in combination with a period of substantially no motion;